

ABSTRACT

Solvent weld cement (SWC) is used to fuse polymer pipes together. SWC is conventionally dispensed in liquid form from an open container by a swab or brush, resulting in release of fumes, oxidation and contamination of the SWC, as well as environmental contamination due to spilled SWC. A SWC is provided which remains stable while being stored in and dispensed from an aerosol container. The SWC composition comprises a polymer resin, CPVC, a solvent system including tetrahydrofuran, and at least one conventional propellant to allow the SWC to be dispensed from an aerosol container. The resulting SWC remains stable during storage, and when dispensed from the aerosol can provides a SWC with improved uniformity of application, ease of application, greater set-up time, and a SWC which is environmentally friendly.

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